

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997
From: wa5whn@juno.com (Jay D Miller)
Subject: [16245] "The AMSAT Journal", page 24, March/April 1997 issue
Message-ID: <19970401.065007.4551.0.wa5whn@juno.com>

QRP-Lers,

2 great articles about QRP, through the satellites, in the March/April 1997 issue of "The AMSAT Journal". Way to go G3IOR & W2RS, on RS-10/11 (2 meters up, 10 meters down). Also, another QRP article (A0-27) by KI0AG (ki0ag@amsat.org), page 10, same issue. (<http://www.amsat.org/>). Chuck (The other one, KI0AG) uses a Garmin GPS-45 receiver (portable) to provide him with the correct data, so that he can run the necessary tracking software, to find out if A0-27 is available, with this portable station. Hmmm, maybe load up the Mode A gear for QRPTTF (2 meters up, 10 meters down).

And New Mexico becomes the fifty first State, in the Union, and to celebrate this event, we will be operating a Special Event Station from Wink, Texas. Listen for W51NM on 1, April.

Does anyone know how to clean those hard to get at boot blocks ? My Zeros & Ones won't come clean. ;-)

72...Jay, WA5WHN DM65qd

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997
From: mdwatt@usit.net (Marty Watt)
Subject: [16264] (fwd) Typo (only 20 kHz)
Message-ID: <334733f6.52827369@smtp.usit.net>

On Tue, 1 Apr 1997 06:07 CST, FAITHD@dnr.state.wi.us (Don C. Faith III, AM/7, \608\ 267-3135) wrote:

>Yep, it was a typo (last note of the evening and close to my bed time). =
=20
>My current 38S has a 20 kHz range (10.100 - 10.1198).
>Besides, I wouldn't bother to mention xtals that should give a range of=20
>10.10 - 10.138 if I already had a 100 khz. =20
>
>Tnx. Don C. Faith, N9WR =20
>(will respond again from my server at home tomorrow to note it on the =

list=20
>unless you could forward it to the list today).
>

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997
From: mdwatt@usit.net (Marty Watt)
Subject: [16263] (fwd) UPDATE -- 38 Special Construction Manual
Message-ID: <33412d95.51194736@smtp.usit.net>

On Tue, 01 Apr 1997 03:51:30 -0800, Norm Melick
<henmel@worldnet.att.net> wrote:

>I believe I found an error in some of your color codes. If you have
>some time and would check my work, I would appreciate it.
>
>R8 - 18K should be BRN/GRY/ORG
>R11 - 6.8K should be BLU/GRY/RED
>R16 - 68K should be BLU/GRY/ORG

Norm is quite right -- please update accordingly!

(It helps to have the lights on when checking color codes -- mine
"cheater" shows up as black when the light is off, but it should be
gray).

I'll update the files this AM, and replace on my website. You can
reach the formatted document at:
<http://www.usit.public.net/mdwatt/38special.zip>

Thanks, Norm! Any other corrections people note are welcome.

72 es 73 de=20
Marty, KM7W

Jackson, Tennessee e-mail: mdwatt@usit.net
<http://www.public.usit.net/mdwatt>
"The Curmudgeon's Corner"
NorCal #???? - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq
~~~~~

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: Brian K7ON Short <ke7gh@primenet.com>

Subject: [16277] \*\* Sierra Construction Progress \*\*  
Message-ID: <3.0.1.32.19970401201014.0069ce54@mailhost.primenet.com>

A "Local QRP'er" mentioned that he thought perhaps 2 days was an unhurried schedule for stuffing the main board...

Well, it is day 2 and I have the resistors, diodes, and capacitors mounted onto the board. Been very casual about this and spent little time at it, really. Anyway, must be about time for a picture? None ready, but will let everyone know (maybe tomorrow).

The remaining components are all LARGE and will go fast. Will have to find a source of a 47pf disc cap as I was one short, but had an extra 27pf...go figure! No problem, but have not found one in the junk box (yet).

Fun little project and listen for me on 30m today and this evening (on the 38s) between mounting Sierra components.

73, Brian k7on@qsl.net

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: km@PACT.ORG.PE ()  
Subject: [16212] 1 APR 97  
Message-ID: <m0wBsQE-000VfiC@uurcp.rcp.net.pe>

Ok guys,

First Nils talks about listening around and refers to it as QS0 instead of SWL, then the guys in Colorado go bananas with a preprogrammed emergency of 59 minutes duration yet allow you to operate during any 2 hour period there in.

Let me say this, that I mooned the rare DX on 10.106 off the backside of my vertical, and Nils thought that it was music! It was already 1 APR UTC and the mouse was on iambicpentameter instead of the usual rock and roll.

I'd go on, but it is time to get some icecream before turning to yet another quarterly report.

72,

Kris  
OA4DB0 where resonance is a way of life.

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: Brian K7ON Short <ke7gh@primenet.com>  
Subject: [16218] 38s TX Freq "Drift" Solved  
Message-ID: <3.0.1.32.19970401023023.007101dc@mailhost.primenet.com>

My 38s was getting low output following momentary power application \*before\* cutting the appropriate trace on the PCB. I replaced the final (IRF-510 which had gotten warm) and the 74HC240 (socketed).

Other than low output, signal had been great, but I now got a few complaints of "drift." I started listening very carefully. Receiver didn't drift, but the transmit frequency did change very slightly during operation as monitored on my FT-990DC.

Only things changed were the 74HC240 and final, so what the heck, and by gosh and by golly, it was the 74HC240. No more drift (except the operator).

The replacement that caused trouble was: HD74HC240P  
Seems it was the TX offset, but why? I don't know.

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: Wayneb1103@aol.com  
Subject: [16228] 74hc240  
Message-ID: <970331221656\_-2038853753@emout17.mail.aol.com>

Having little experience with digital stuff (prefer to work with real electronics parts) I fail to see how a bunch of inverters tied together can operate as a final amp. What effect might they have on the frequency? I have 10mhz going into the chip and 8.8mhz coming out, how be this possible? I do have other chips on order but would like to understand the logic of this part in this application. You guys did me so well with my question on the diode switching - which does make perfect sense - now, I thought I would try again. This list should give college credit :)

Thanks

Wayne WB7WHI  
Spokane, Wa.

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: N0TU/Steve <N0TU@webaccess.net>  
Subject: [16279] A 38s Thumpless Wannabee!  
Message-ID: <33415F84.5B08@webaccess.net>

After reading what I think are "all" the posts on the 38s's  
'thump'...I'm clueless as to which one is the cure!...I hate to clobber  
up my 38 with trial and tears if there's a real fix for it out there...?  
Anyone come up w/fix for the this elusive thump? No RIT...No TiCK...No  
5w mod! Just 250mw of Thump/Click! Steve

-----  
"Just doing it" - Havin'a blast buildin'& usin' QRP gear that is...  
n0tu/hw8/49er/SW40/38s/solar/backpack-mobile... QRP-L # 911  
My homepage - <http://www.webaccess.net/~S&P> ARS# 206 CQC# 394

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: "Vic Blackwell" <blackwel@tlcnet.muohio.edu>  
Subject: [16232] A Thought  
Message-ID: <9704010356.AA05167@tlcnet.muohio.edu>

Hi gang,

Here is one rattleleing around inside my head every once in a while;

"Is it qrp or esp?"

I usually think this after pulling a tough one out of the mud.

Later,

de vic ad8k . . .

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: cooper@gmpvt.com (Tom Cooper)  
Subject: [16276] aerobic cw paddle  
Message-ID: <199704012014.PAA08913@web.gmpvt.com>

Attention QRPers! I just heard that Nordick Trac is coming out with

an aerobic CW paddle, the Nordick Click. Their stuff is very good quality, so it should be super. Just imagine, you can firm up and slim down while slugging it out in the pileups. I bet I could lose 10 pounds during the ARRL Sweepstakes!

I don't have any details, but if it is half as good as the Nordick Anywhere aerobic remote control that they came out with last year around this time hamfests should be a LOT less pudgy than they have been lately. I would have bought one of those, but who has the time for TV, anyway?

I have no affiliation with Nordick Trac whatsoever, but I am a member of the ARRL and AFFEA (American French Fry Eaters Association or April Fool Fellow E-mail Amateurs, your choice.)

Tom W1EAT

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: Jim Bennett <jbennett@ebmud.com>  
Subject: [16258] Antenna Modeling S/W  
Message-ID: <33412FD2.1EB6@ebmud.com>

Fellow QRP'ers:

I'm considering getting some antenna modeling software to run on Win95. Was looking at the NEC-Win Basic on the home page of Nittany Scientific. Anyone have comments, good or bad about this product? How about other antenna modeling software - suggestions? Shareware or freeware is OK, but I'd not have a problem with a purchase if the software is worth the cost and is <= \$100.

Any thoughts?

Tnx, Jim.

-----  
Jim Bennett / W6JHB (jbennett@ebmud.com)  
Supervising Systems Programmer  
East Bay Municipal Utility District  
Oakland, CA 94607  
voice: 510.287.0224 / fax: 510.287.0373  
-----

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: w8lrm@qtm.net  
Subject: [16290] ATT HW-9 Owners  
Message-ID: <199704012235.RAA29399@garcon.qtm.net>

If your HW-9 does not have the WARC bands installed, I still have about 5 of the original WARC Band kits made by Heath. Will ship anywhere in the lower 48 states for \$50.00. I will pay postage. Get one now before there all gone.

Contact me by e-mail only if interested.

.....de....W8LRM.....A1

MI-QRP #41 QRP-L #532 QRP-ARCI #6524  
G-QRP #4152 NOR-CAL #246 CQC #289 (EN62RE)  
>From Southwest Michigans Sunset Coast:  
Saint Joseph, Berrien County, Michigan !

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: HIMES@idic11.idi.oclc.org  
Subject: [16284] BOB\_DOLE  
Message-ID: <01IH74H24VUAAR2VDA@idic11.idi.oclc.org>

Wasn't Bob Dole moved to the Smithsonian recently?

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: Frank G3YCC <g3ycc@gqrpclub.demon.co.uk>  
Subject: [16273] Bulders please read!  
Message-ID: <859914074.1025001.0@gqrpclub.demon.co.uk>

If you have built a  
transmitter  
receiver  
ATU

whatever it may be - please send me a picture file for my web page AND if it is a kit, perhaps you can tell me what you thought of it. How easy was it to build, were the instructions clear, how well does it work?  
All this is of interest to all QRPers especially beginners, so please help if you can.

Thanks for reading this and happy QRPing!

---72/3---Frank G3YCC G QRP 042  
QTHR (Kirk Ella, East Yorkshire)  
QRP Web site: <http://www.gqrpclub.demon.co.uk>

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: "Vic Blackwell" <blackwel@tlcnet.muohio.edu>  
Subject: [16207] coil dope  
Message-ID: <9704010030.AA03890@tlcnet.muohio.edu>

Hi Gang,

Has anyone heard of Q-MAX? It was a lacquer type of coating to put on coils wound on forms for protection etc. Does anyone have an idea of where I can find a small quantity of it or a decent substitute?

I have a coil in a qrp rig which I want to make sure will not move around on me.

de vic ad8k . .

-----  
  
From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: v31ry@ix.netcom.com  
Subject: [16216] Contest CW speeds  
Message-ID: <1997331191651241@ix.netcom.com>

Hello Marty.. Since in a contest you are copying mostly callsigns and exchanges, the skill of putting a callsign in the log can be practiced with the German program called RUFZ. K5FO mentioned it a few months ago, and since then I've been using it and have given it to all the guys that I go on Field Day with. We use my laptop for logging (with CT program), and I use the PC for most of the other contests that I operate during the year.

Even if you don't use a PC for logging, RUFZ is great practice for copying calls off the air. Each call is sent to you at a different audio pitch, and if you get one correct it increases the speed of the next call. Eventually it varies up and down around the speed that you can copy correctly at, but is constantly pushing you to copy faster. With each call coming at a different pitch, it's kind of like being the object of a pileup on the air.

The nice thing is that it is sending real callsigns from a file included with the program. Since it's a German program, most of the



calls are European, so I've changed my file to be a list of all the U.S. calls we've worked on the last couple of Field Days and QRP contests. The score from all U.S. calls can't be directly compared with the scores of people around the world that are using the original callsign file, but it's good practice for real calls that will probably be heard in contests in the U.S. with the lousy band conditions we have for now.

Here's one of the places where you can get RUFZ:

<ftp://kgiprn.geo.tu-dresden.de/pub/hamradio/rufz>

Good luck! -- Glenn

"Remember, any tool can be the right tool!" Red Green

AE0Q / V31RY                    ex: GM5BKC, ZB2WZ, SV0WY, WA0VPK  
v31ry@ix.netcom.com    --SOWP 5558M, QCWA LM, ARRL LM, NCVA--

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: Cecil A Moore <Cecil\_A\_Moore@ccm.ch.intel.com>  
Subject: [16266] Correction

In a posting yesterday, I got differential and common mode currents confused. If there are no common mode currents, an unbalanced tuner in one side of a balanced line will maintain balance - sorry and thanks to W7EL.

```

                                Ia ->                Ia - Ig ->
                                /---A---tuner---C-----
xmtr===coax===1:1 current choke/balun      |
                                \---B---G---D-----
                                <- Ia                <- Ia - Ig
```

Ig is the current downward from tuner to G.

73, Cecil, W6RCA, OOTC

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: Neil Heckt <neil@aade.com>  
Subject: [16291] correction to links connnection  
Message-ID: <33419637.1578@aade.com>

The correct link directly to the links page on my web site is  
<http://www.aade.com/links.html>

--

Neil

Homebrew Heaven at <http://www.aade.com>

Home of L/C Meter IIB and Digital Frequency Display

Links to sites of interest to Engineers, Amateurs and hobbyists  
interested in Circuit Design and construction.

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997

From: Don Faith <Faithd@worldnet.att.net>

Subject: [16225] Dan's Centennial 80m SSB and SGC rigs

Message-ID: <33407292.7409@worldnet.att.net>

Walt D Amos wrote:

>

> So.....this Dan 80 meter SSB kit is real? I thought it was too  
> good to be true.....:-) maybe an April 1 spoof? Will have to look back  
> and see if I can find there WEB address. Wonder if SGC buying Index is  
> real.....

>

> Walt k8cv

Well, I sure hope it is. The announcement is at the top of his web page (there is a link to it from the Norcal page: Note the change in the Norcal URL .../~jparker/norcal.html). A friend of mine has the Small Wonders 75m SSB and really liked it (and it was just reviewed favorably in QST). However, I sort of like trying new stuff. I figured Karl had tested out the Small Wonders rig, figured I would try out Dan's version and we could see how they compare.

I am also interested in the SGC QRP +++ but I have heard quite a few more confirmations regarding that merger here on this list. But of course we will all have to wait until Sept. until we really know. My biggest concern is that it appears that the receive current draw on it has risen substantially compared to the Index Labs version based on the specs that I have seen on this list. On the other hand my thought is that it would probalby be a wash for me: The new version is expected to be smaller and lighter so I would just have to carry in more battery instead of more radio. (For sea kayak portable).

73 (es 72) de N9WR (The WR stands for Water Rat: Canoeing, WW kayaking, sea kayaking, sailing and sailboarding).

From owner-qrp-l@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: "Carol N. Wright" <cnw@hiwaay.net>  
Subject: [16214] Decided on the GM-20  
Message-ID: <Pine.OSF.3.94.970331200039.6989C-100000@fly.HiWAAAY.net>

Hey Gang,  
Despite all of the great thoughts on the Emtech NW8020 for 20 meters and the Small Wonders Labs GM-20, also for 20 meters, I've decided on the GM-20. Why? I flipped a coin! No, just kidding. I sort of liked Dave's designs. I sort of figured that it would be time soon enough for another rig, hey about the Emtech. I also ordered the enclosure from Lansing.

I appreciate all of the responses on your thoughts and comments of the two QRP rigs. I am so glad to be on the list so that I can get so well thought out comments and great ideas. John is sending me some ideas on how he put his GM-30 in a Lansing enclosure. Also some ideas on some letter work for labeling. So any other comments are more than welcomed about the GM-20 (GM-XX), letterwork, case work, or modifications and ways to make the GM-XX series better perform. I'll do a little review on the GM-20 when I complete it.

Nothing like K5FO's though. Hee Hee! I don't have all of that equipment. Just basic things, like frequ., power out, current, etc. Thanks for all of the responses in helping me figure out what I really want in a 20 meter QRP CW rig. Thanks again Gang. Best 72 DE Matt, AE4JM

--

WIMPS: Qs:003 30:003 17:000 12:000 STATES:003 DX:000

From owner-qrp-l@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: n4so@juno.com (CHARLES K BROWN)  
Subject: [16243] DX posts  
Message-ID: <19970401.070719.7879.11.n4so@juno.com>

UA0AZ Zone 18 Alex on 14.025 at 0100z  
559 at 5 watts level.

Ken Brown, N4SO  
QTH near Mobile, AL  
QRP-L #622  
n4so@juno.com

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: Joe Everhart <n2cx@voicenet.com>  
Subject: [16210] Even More Rainbows on Their Way!  
Message-ID: <199704010106.UAA28285@mail3.voicenet.com>

Group,

Your patience in waiting for Rainbow kits is soon to be rewarded. As promised Saturday, another group of Rainbow kits went out in today's mail. Kits through order # 234 have now been mailed.

The pc board vendor reports that the remainder of the boards for the first build were shipped Saturday, so they should come in any day now. When they do, we will complete shipping the first build (through #300).

Parts are being ordered for the second build and the skids are greased to ship out the second build during April.

Who woulda thunk that there waould be such demand! Thanks to all of you for your support.

And Nils, you know, I read your message three times before I knew that you were talking about and RBT!

72/73,

Joe E., N2CX

from Southern New Jersey, y'all

work: jeverhart@cayman.vf.mmc.com  
home: n2cx@voicenet.com

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: ericvia@why.net (Eric Via)  
Subject: [16234] FCC Is On The Ball!!  
Message-ID: <v01520d087151e9083c74@[207.211.121.29]>

I'm impressed!!

I sent in my form with change of address last Thursday and  
got my new license in the mail today - MONDAY!!!

Now THAT'S nice!! Could it be the little hand-written note  
I threw in the envelope with my form that read:

=====

"FCC Folks,

Keep up the great job! You guys are great!!

Eric

=====

Eric "A little flattery & brown-nosing will get you everywhere" Via, AD4SS  
Wylie, TX

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: deshelton@juno.com (David E Shelton)  
Subject: [16206] FS: Cushcraft R-7 Vertical Multi-Band antenna  
Message-ID: <19970331.192315.9422.0.deshelton@juno.com>

FS: Cushcraft R-7 vertical antenna. Great working condition in use for  
one year here at this QTH.  
Erecting a tower the only reason for getting rid of this is to generate  
some revenue for the tower.

Price: \$200 + shipping to your QTH.

73,  
David, KE4FPS  
deshelton@juno.com

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997

From: wb2vuo@juno.com (William K Hibbert)  
Subject: [16222] FS: Packet station  
Message-ID: <19970331.214005.7919.2.wb2vuo@juno.com>

It CAN be run on QRP, but I am selling it to buy another QRP rig. Please read on...

I have an AEA PK-232, not the MBX version. It is complete with an Icon IC-229A, the cables and a terminal, a Wyse WY-30, which has a 13" monitor and keyboard, with programmable function keys.

This would allow you to run packet, both HF and VHF, (with an HF rig), CW, Baudot RTTY, ASCII RTTY and AMTOR, but no PACTOR or G-TOR operation. You could run it as a stand-alone setup, not tying up the computer in the process.

I am asking \$345, shipped, for the whole package, which will allow me to get yet another QRP rig.

Contact me via Email, or give me a ring on the Twisted Pair at (716) 494-1239...

72/73, Keith, WB2VUO, QRP-L #582, scQRP 40, 100% QRP  
Tech Specialist (ARRL/WNY), ARRL Life Member,  
Trustee, KB2YTW/B 10 Mtr QRPp Beacon (250 mW @ 28.2870 MHz)  
"In the Depths of the Great Bergen (NY) Swamp...FN13ac"  
Packet - wb2vuo@w2im.#wny.ny.usa.noam  
Email - wb2vuo@juno.com  
WIMPS: Q's=000 30m=0 17m=0 12m=0 States=00/00/00 DX= 00/00/00

From owner-qrp-l@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: wsmith@cyberdrive.net (Wayne A. Smith)  
Subject: [16221] GM20 LOUD sidetone  
Message-ID: <199703312143.VAA19259@nemesiis.cyberdrive.net>

Hi Group, Does anyone have any suggestions for lowering the sidetone level on the GM20?? Otherwise the rig performs flawlessly. Any suggestions would be appreciated. Best 72 K8FF

From owner-qrp-l@Lehigh.EDU Tue Apr 1 18:03:51 1997

From: "W. D. Lindsey" <70511.3041@CompuServe.COM>  
Subject: [16282] How Contact Index Labs?  
Message-ID: <970401205347\_70511.3041\_IHD73-1@CompuServe.COM>

Gang:

Does anyone know the best way to contact Index Labs, maker of the QRP+ rig?

I have what may be an old landline number and there is no answer. Another number only brings up an answering machine.

Also, do they perhaps have a web page or other e-mail address?  
What about a current FAX number, perhaps?

Will be watching this space for help! Thanks.

72/73,

--Doc/K0EVZ qrp-1 861 mn-qrp 19 nj-qrp 69 ak-qrp 139 cqc norcal arrl

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: QLF%[mimi@magic.itg.ti.com](mailto:mimi@magic.itg.ti.com)  
Subject: [16292] INTERNET, BOOKMARKS, ETC, ETC - - - -  
Message-ID: <9704012351.AA14944@itg.ti.com>

From: Brad Bradfield QLF

Subj: INTERNET, BOOKMARKS, ETC, ETC - - - -

I'm so mad I may never get on the Internet again!

This morning I brought up Netscape to go look at something on the Internet, and when I attempted to use my VVEEERRRRRRYY long bookmark file, it crashed on me and reverted to the Netscape default bookmark file. I was very attached to that file and now it's gone forever. No more QRZ database, no more ARRL web site, no more Goat Locker (go figure that one out), and NO MORE daily dose of Dilbert.

Guess it's time to start building it again. Arrrgghhhh.

Oh, well.

72's es 73's,

Brad, WB0CGH

\*\*\*\*\*

Brad Bradfield, PE  
(H) 817-321-2960  
(W) 972-462-6230

Electrical Design Engineer  
Texas Instruments, Inc.  
(Soon to be: Raytheon/TI Systems)  
Real men talk with their fingers!

QLF@MSG.TI.COM

WB0CGH@W05H.#DFW.TX.USA.NA

ARRL Life Member QRP-L #377 SMIRK #4906 IEEE(M) ARS #72

Collector of wireless and landline Morse keys and accessories.

\*\*\*\*\*

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: kb0rol@juno.com (Bradley L Mugleston)  
Subject: [16280] It lives  
Message-ID: <19970401.120815.7767.4.kb0rol@juno.com>

My 38 Special Lives on both Send and Receive - one bad solder joint and a poorly cleaned wire on a torrid - It works, it thumps, but it works.

Yes, I'm at home - can't play radio at work - but I'm sick, really I am.

Now for the MODS

de KB0ROL, Brad

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: emaaro@pacbell.net  
Subject: [16271] Limit Morse Code Testing to 5 WPM  
Message-ID: <33413F70.6EB@pacbell.net>

Guy:

Nice article in April 73 Mag and letter in April CQ Mag.

However you neglected the one major reason that people want the Morse Code requirement reduced and that is:

As humans, when we perceive that something might be hard/difficult to do, we automatically look for an easier way. If what we perceive as an easier way is not readily found, we put up barriers to the learning process and increase any difficulty that might be there. We then declare that the task is too "difficult" or "impossible" to do and that is "proof" that the task is "unnecessary, out-moded and/or useless." We humans are at fault, not the requirement!

emaaro



From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: ericvia@why.net (Eric Via)  
Subject: [16237] Making My Wife Mad  
Message-ID: <v01520d0d7151ef55b74e@[207.211.121.29]>

Dear Ann Landers,

You know my wife Cindy puts up with my "Geekness" - she never minded me playing on the internet, she didn't mind the metal detectors, she doesn't even mind the new Ham Radio hobby, but MAN did I find something she DOES mind the other day!

I was behind a car and noticed the "Texas Amateur Radio Operator" License plate and pointed it out to her....

However everything was cool with that...

The trouble started when this car in front of me moved into the right lane to turn, and I felt it was my DUTY as a fellow Ham to begin calling CQ on my car horn to him.

My wife had a COW!!

"Oh Eric I can't BELIEVE you just DID THAT!? What's WRONG with you!!!!?"

"It was Morse honey..it's okay..he expected it and probably loved it!" I said, shrugging my shoulders if it were no big deal.

But it WAS a big deal to her! She carried on and on about this - "What if you probably scared his wife half to death! She was in the car too you know!"

"She'll get used to it honey - it's OKAY!"

But once again - it wasn't okay, and I haven't gotten in that much trouble or embarissed her that much since I saw the guy off the highway taking a leak and I started beeping my horn at him. Once again - if you're on the side of the road peeing and someone sees you, you EXPECT them to be a jerk and beep their horn - RIGHT?

Oh well..I think I'll disconnect my horn on my car or convert it to a QRP job to stay out of trouble from now on....

Eric "heavy on the horn" Via, AD4SS  
Wylie, TX

From owner-qrp-l@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: n4js@amsat.org  
Subject: [16289] More Wimps  
Message-ID: <XFMail.970401172639.n4js@amsat.org>

Heard Doc K0EVZ working ON7GB so had to jump in there and get him. BTW Doc, you were 559 here in NJ,

Sent at 17:26:39 on 01-Apr-97

```
|_ \ | _ | _ | _ | _ | / _ _ | John L. Sielke n4js@amsat.org n4js@pobox.com
| . ` | | _ | | | | \ _ _ \ n4js@n4js.ampr.org NJ Grid:FM29LN
|_| \ | _ | _ | \ _ _ / | _ _ / http://www.pobox.com/~n4js
NE-QRP #507 G-QRP #9544 NJ-QRP #57 QRP-L #884 QRP-ARCI #9328
WIMPS Os=002 30m=2 17m=0 NorCal QCWA FISTS #2781
12m=0 States=00/00/00 Countries=02/00/00
```

From owner-qrp-l@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: Don Faith <Faithd@worldnet.att.net>  
Subject: [16230] NC 38S Tuning range Xtal's  
Message-ID: <33407864.1B22@worldnet.att.net>

Although this may have already been observed (and most may have finished their kits unless they bought additional for experimenting), I just discovered that there is an 11.98135 Mhz crystal listed in Mouser (and Digikey) with the same values and size as the 12.000 Mhz Xtal.

Has anyone tried the 22.1184 and the 11.98135 xtals together? This appears as though it would yield an upper frequency of about 10.137. This combined with a 5.6 or 6.8 uH inductor should increase the range of the 38S without having to put a varicap in line with the inductor (and would enable the 38S to use the whole bottom portion of 30m). The the RIT might be needed more due to the wider range that the 100K pot tunes.

I ordered the 11.98135 xtals today from Mouser. The decision I will have will be whether to try it with one of my unbuilt kits or to tear into the one I have working now (using the 4.7 uH L1 inductor w/ a range of 10.100 -10.198).

Side note: The Bob Barry stability suggestions (3/24) appear v. worthwhile. My offset varied v. badly from one end of the tuning range to the other until I implemented the bypassing and ground strap in his note (forwarded through Doug Hendricks).

Tnx. Don C. Faith, N9WR

From owner-qrp-l@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: Roger Hightower <n7kt@dancris.com>  
Subject: [16267] NorCal Sierra ABX Mod info?  
Message-ID: <3341393B.6290@dancris.com>

Hi all. I'm putting a KC2 into my NorCal Sierra, and when I received the new front panel, there was a hole for the ABX Control.

Can someone point me to info on this mod? I just hate to see an empty hole in a panel, :-).

--

72/73 de Roger N7KT Mesa, AZ Grid DM43cj  
NorCal 40-9er, NC38S, NC-40A, Cascade, OHR Explorer 20, 30M, OHR400,  
HW-9  
NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: Dan Tayloe-P26412 <Dan\_Tayloe-P26412@email.mot.com>  
Subject: [16209] Old 14.4 Modems and Bulletin Boards  
Message-ID: <M39863.010.xjcic.1.970331224857Z.CC-MAIL\*/OU=SATCG/OU=AZBH/PRMD=MOT/ADMD=MOT/C=US/@MHS>

Seeing how this is an email served forum, this may be old interest to those who (like me) have older 14.4 modems.

For the last week and a half, I have been having terrible problems connecting to my email provider, Juno. I have received many "carrier not detected" problems.

A friend of mine told me today that there has been much talk lately in the modem conferences about the upgrades to the new 2x modem code. This upgrade brings many of the older US Robotics modems up to 56K capability.

It turns out that when this new upgrade is placed into bulletin board type service, connections to customer with older v.32 14.4 modems are

much harder to successfully negotiate. The new modems have to check out so many different incoming speeds, that V.32, (14.4K) has been de-emphasized in the check, and now works poorly.

I guess the idea was that nobody uses 14.4 now days anyway....

Therefore, it is likely that the problem I am seeing is \*not\* a Juno problem, but rather that they have upgraded their modems, and the new modems do not work well with older V.32 14.4 modems.

Oh well..... Time for a new modem.

- Dan Tayloe, N7VE, Phoenix, Az, QRPL # 696, Az ScQRPions

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: Richard Wilkerson <richqrp@cts.com>  
Subject: [16227] QQ  
Message-ID: <33407B2F.74D3@cts.com>

Hello gang.....the latest QQ came in the mail today and a very nice one it is.....

--

Rich Wilkerson, WD6FDD, Santee, Ca.  
ScQRPions

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: Paul Stroud <aa4xx@amsat.org>  
Subject: [16215] QRP Expedition to Portsmouth Island  
Message-ID: <33406FE4.1410@amsat.org>

CQ QRP'ers,

Well, it's almost time for the first KnightLite's pilgrimage to the NC Outer Banks, a narrow strip of sand and islands which separates the NC mainland from the Atlantic Ocean. Our destination is Portsmouth Island, home of Blackbeard the Pirate of bygone days. Portsmouth village, once a thriving center of commerce for the new colonies, was abandoned several years ago. The only permanent residents of the island these days are the famous wild ponies, sea turtles, gulls, and a few bazillion mosquitoes.

Our intrepid QRP adventurers will rendezvous east of Morehead City, NC at the small town of Atlantic to catch a private ferry for the 1-1/2 hour crossing over the Pamlico sound to Portsmouth Island. We

hope to begin operating shortly after our arrival on Friday, April 4th. (We estimate our arrival on the island to be around 4:30PM). Our antennas include: a small triband yagi at 40', a Carolina Windom, a Gap Titan vertical, a phased 40M vertical array, a 30M vertical, and possibly an end fed kite supported LW for 80M. We will be running four stations.

We will be operating near the QRP calling frequencies throughout this coming weekend (April 4th-6th), from Friday night thru Sunday morning. Look for us especially on 20/30/40M during the daylight hours, and 40/80M after dark. We will operating primarily cw on 15/20/40/80M, but also SSB on 20/40/80M.

It would be our pleasure to work our QRP friends during our weekend at Portsmouth. We will be using the KL Club Call, WQ4RP/NA67. The "NA 67" designation is assigned by the "Islands on the Air Program," and signifies that our location is near Cape Hatteras. For those of you who chase islands under the US Islands Program, we are accepting eQSL's. The US Islands Program is either "the first" or at least one of the first organizations that accept email QSL's for awards purposes.

The Portsmouth team currently consists of: AA1BK, WA4NID (and family), WB4OFT, K4HQ, AE4IC, and AA4XX. QSL via Andrew Lewis, K4HQ (K4HQ@juno.com).

For more information on the Portsmouth Expedition or either of the Islands programs listed above, please check out our website:

<http://www.ipass.net/~aa4xx/ocra1.htm>

We are preparing a special photo QSL for this event. See you this weekend!

72 from The Portsmouth Team

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: AC6JA@aol.com  
Subject: [16219] QRP PLUS-PLUS FOR SALE!!!  
Message-ID: <970331213730\_-1202320003@emout08.mail.aol.com>

i have for sale the latest version of the index labs qrp plus-plus, serial number 1198. this is the new and improved version including all the improvements. i have the original box, manual, power cord, plus the optional mfj-285w microphone. i will also throw in an interface cable to be used with the kantronics kam plus if you ever want to use this rig for rtty, pactor, amtor, packet, etc. this rig has NEVER left the desktop and is in

meticulous, pristine condition! am asking \$550.00 and will include shipping.  
interested parties can either e-mail me at AC6JA@AOL.COM or phone me direct  
at (415) 573-7720.  
thanks!

Mike AC6JA

From owner-qrp-l@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: "Jeff M. Gold" <JMG@tntech.edu>  
Subject: [16251] QRP-no way!!!!  
Message-ID: <01IH602Z1CUG8WX8QU@tntech.edu>

it is quite obvious to me that QRP operation is not really possible. I have read comments and on the HF bands you must use a minimum of 100 watts power with an antenna that provides at least 18db gain. This of course will work well under good band conditions for operation up to about 100 miles or so. If you want DX, you need to get an amp and kick the power up to a minimum of 2000 watts and get a considerably better antenna that is up 100 feet or so and is a mono bander.

I just got back from the Smoky mountains. Had my old Argosy II with a 4 ah gell cell, my LDG QRP tuner and a very small 20 meter dipole which uses 178 coax. Well got up early one morning at the motel in Townsend (the quiet side of the Smokys). The motel owner was up. I stay there many times.. so went up and asked if he minded me stringing a wire between a tree and a telephone pole. He said no problem and lent me a ladder. There was only one tree available. It was still a bit wet on the grass.. strung the dipole up a whole 8 feet (and under the power lines).

tried 20 meters.. it was dead at this time. listened on 40.. thought I heard a station or two.. hit the tune button.. took the tuner a whole second or two. Got on 40 meters and worked Illinois and New Jersey.. 3 watts.. 20 meter dipole and up 8 feet. Had no problem.. good quality contacts.. they heard me, I heard them and we sat and talked. I did have a bunch of noise from the power lines, but the audio filter in the Argosy took care of most of that.. well had to kick in the crystal filter also.

I have read the antenna books, it is quite obvious that I could not have done this. You must have that antenna a bunch longer and up quite a bit more. Guess it is a good thing I don't believe what I read all that much. Kinda like all the technology they use to predict the weather. I sit and wait and see what I observe.

Have a gud'un

72

Jeff, AC4HF

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997

From: "Howard Z Weinstein" <Howard.Z.Weinstein@lmco.com>

Subject: [16283] Re[2]: QRP Hide Outs/GPS/Web Maps

Message-ID: <06CA63341792C29A\*/c=us/admd=telemail/prmd=mmc/o=den/ou=ccmail/s=Weinstein/g=Howard/i=Z/@MHS>

Yes,

It's Bob Dole's House

72

>> Can anyone tell me what is at the following Lat./Long.; ?? A very  
>> famous landmark.

>>

>> 35 degrees 02 minutes 00.0 seconds N

>> 111 degrees 01 minutes 00.0 seconds W

>

>Just a guess (aided by census map, atlas, and various web pages) but could  
>it be "Rainbow Bridge" national monument in Utah? Think we could get the  
>guys from NJ to stand around it for a picture of the monument to their >kit  
>:) If nothing else maybe someone "out there" could get a pic of a >Rainbow  
Bridge sitting on the Rainbow Bridge Monument. So who's operating >from  
there for QTTF?

>

>72

>

|                                            |  |                                |
|--------------------------------------------|--|--------------------------------|
| >-- Christopher Cartwright, Tech. Engineer |  | ...our chief weapons are fear, |
| >-- Voice 301.990.0735 N3XRV QRP-L #655    |  | fear and surprise, and nice    |
| >-- Mail ccart@vidtel.com                  |  | red uniforms, oh damn!!        |
| >-- ccart@erols.com                        |  | -- Monty Python                |

>

>

>

>

>

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997

From: Bill Jones <kd7s@psnw.com>

Subject: [16260] Sloping Dipole Questions Answered  
Message-ID: <33413308.2473@psnw.com>

Friends,

I'd like to thank all who responded to my questions about sloping dipoles. With one exception, everybody agreed that this configuration will work quite well. I am going to run some A vs B comparisons during the QRP-TTF activity toward the end of the month. I will report my findings to the group. Again, thank you.

--

=====  
Bill Jones - KD7S  
Sanger, California  
Reply to kd7s@psnw.com  
=====

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: Ron Giuntini <rong@slip.net>  
Subject: [16265] ST Louis Tuner Mods  
Message-ID: <E0wC6Fl-0005kW-00@ferret.slip.net>

I am going to build my SLT (finally) and I ran into Grover, K7TP, who mentioned that I had to be sure to incorporate the modifications necessary to get it to work correctly. Can somebody point me to them? Grover was training people at my work location and after he had been there a month he overheard me telling somebody else about my 38S project. Otherwise we would not have known we are part of the same group...Small world, isn't it?

Ron, KB6GK

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: fschmidt@juno.com (fred j schmidt)  
Subject: [16213] ten tec power sup #210 help  
Message-ID: <19970401.080158.7855.0.fschmidt@juno.com>

if anyone can send me a copy of the schematic for this p/s i will gladly reimburse them/

thanks de fred n0jtz -- e-mai; @fschmidt@juno.com



From owner-qrp-l@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: Mike P <N00DK@compuserve.com>  
Subject: [16252] test-delete this  
Message-ID: <199704011003\_MC2-138F-EE7E@compuserve.com>

test

From owner-qrp-l@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: Jerry Parker <jparker@fix.net>  
Subject: [16231] The NorCal Page address  
Message-ID: <199704010338.TAA13944@fletch.fix.net>

The NorCal Page address has not changed, the system administrator at fix net in moving things around inadvertantly misplaced the shortcut which allows you to go straight to the NorCal Page without putting my name in. So all is suppose to be well now. Try it out.

<http://www.fix.net/norcal.html>

Enjoy,,,72,,,Jerry...WA6OWR...K

From owner-qrp-l@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: n4so@juno.com (CHARLES K BROWN)  
Subject: [16247] The X Y Z's of Oscilloscopes  
Message-ID: <19970401.082420.7879.14.n4so@juno.com>

The zipped file was sent to two on the list who received the attachment and were able to unzip it with PKunzip.  
The file name for the booklet is TSCOPE.ZIP.  
If you receive attachments and know how to handle the attach file I can try sending it. You will need PKunzip to unzip the file. The X Y Z's of Oscilloscopes is a basic study guide for learning about oscilloscopes.

Ken Brown, N4SO  
QTH near Mobile, AL  
QRP-L #622

n4so@juno.com

From owner-qrp-l@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: Brian Kassel <bkassel@dancris.com>  
Subject: [16217] To Mark VandeWettering Re: BPSK generator  
Message-ID: <199704010226.TAA11674@dancris.com>

Mark:

My local server would not accept your address as you listed it, so I am forwarding this to the list. Sorry for the bandwidth, gang.

At 11:15 AM 3/31/97 -0800, you wrote:

> Is anyone else here interested in low power digital experimentation?

Mark:

I ran a WINLINK AMTOR/PACTOR/VHF PACKET BBS system for 4 years. Gave it up a year ago when local forwarding folks decided to use the INTERNET.

I tied a lot of bells and whistles unto the system over the years, both hardware and software.

One was an automatic TX power adjust that would look at the quality of the link derived from the LED's in the front of the PK-232. More often than not, the power would sit around 10 Watts out on my TS-850.

I also program in VB. I teach a class in one of the local Community Colleges on VB. I always had a desire to fool with digital modes using a soundcard, but the SDK from Creative LABS costs around \$ 400 the last time that I checked. The Cardinal SDK was much cheaper, but the card itself is not very popular, so not many users would seem to be able to use anything that I developed.

I wonder how you are developing apps? Are you using an SDK? What card are you fooling with?

\*\*\*\*\*  
\* Brian D. Kassel W5VBO - QRP NERD 10 - ScQRPion # 0 \*  
\* QRP-L #404 - ARCI #3623 \*  
\*\*\*\*\*

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: "Dick Dillman" <ddillman@igc.apc.org>  
Subject: [16224] Traps?  
Message-ID: <76449.ddillman@igc.apc.org>

The cute little HW-9 arrived while I was away in Chicago. Now I'm anxious to put together the rest of my portable QRP kit.

I'd like to make a 40m/17m trap dipole. Can anyone recommend a source of the appropriate traps?

Thanks,

Dick

Dick Dillman  
WPE2VT W6AWO  
<ddillman@igc.apc.org>  
Collector of Heavy Metal:  
Harleys, Willys and Radios Over 100lbs.

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: Frank G3YCC <g3ycc@gqrpclub.demon.co.uk>  
Subject: [16275] Wanted QRP Plus  
Message-ID: <859920227.113398.0@gqrpclub.demon.co.uk>

Wanted QRP Plus in gc., not for me I've got one!  
Please email me with info.

---72/3---Frank G3YCC G QRP 042  
QTHR (Kirk Ella, East Yorkshire)  
QRP Web site: <http://www.gqrpclub.demon.co.uk>

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: "Jeff M. Gold" <JMG@tntech.edu>  
Subject: [16250] wanted: Norcal Sierra-Unbuilt  
Message-ID: <01IH601QG99U8WX8QU@tntech.edu>

Howdi:

I am still looking for an unbuilt Sierra with band modules.

Will use \$ or probably have something to trade :-)

72

Jeff, AC4HF

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: Joe Gervais <vole@primenet.com>  
Subject: [16285] Wayward QRP-er On the Air  
Message-ID: <199704012151.0AA02169@usr05.primenet.com>

Howdy Folks,

I'd like to ask a big favor of everyone - a friend and slightly wayward QRPer (in the past two weeks he's been pricing KW amps... ;-) ) is back at QRP levels for the first time in over six months. My request? Hunt him down and bring him back from the Dark Side of the Force. :)

He's brought his HW-9 along with him to North Carolina (on travel) and should be hanging around 7.040 in the evenings, from now 'til April 11. His antenna is a longwire out of the window.

So please help me look for N7TX (Steve) . It would help if you mention all the DX you've been working QRP, since his big reason for wanting the amp is the belief that he has to have one to work DX. ;-)

Thanks! Please let me (us) know if you work him. Bonus points if you can talk him into operating QTTF with the rest of us!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

WIMPS: Qs=001 30m=1 17m=0 12m=0 States=00/00/00 DX=01/00/00

"What, a raw frog?!? Don't you even take the bones out?!?"

"If we took the bones out they wouldn't be crunchy, would they?"

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997

From: Frank G3YCC <g3ycc@gqrpclub.demon.co.uk>  
Subject: [16274] Web site  
Message-ID: <859914087.1025089.0@gqrpclub.demon.co.uk>

I have removed the general AR links from my web site as it takes too much time to maintain them, so the only links left are to op's homepages, if I know them, and to links of interest to QRPers.

Regards.

---72/3---Frank G3YCC G QRP 042  
QTHR (Kirk Ella, East Yorkshire)  
QRP Web site: <http://www.gqrpclub.demon.co.uk>

From owner-qrp-l@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: n4js@amsat.org  
Subject: [16281] WIMPS  
Message-ID: <XFMail.970401154015.n4js@amsat.org>

UT1UIA 589 in NJ on 10.117 (2030Z) (Kiev)

Sent at 15:40:15 on 01-Apr-97

|                                                                     |                |                         |
|---------------------------------------------------------------------|----------------|-------------------------|
| John L. Sielke                                                      | n4js@amsat.org | n4js@pobox.com          |
| n4js@n4js.ampr.org                                                  | NJ Grid:FM29LN |                         |
| <a href="http://www.pobox.com/~n4js">http://www.pobox.com/~n4js</a> |                |                         |
| NJ-QRP #57                                                          | QRP-L #884     | QRP-ARCI #9328          |
| NE-QRP #507                                                         | G-QRP #9544    | NorCal QCWA FISTS #2781 |

From owner-qrp-l@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: "William R. Boose" <wboose@postoffice.ptd.net>  
Subject: [16229] WTB ut-51 tone encoder for icom 24at ht  
Message-ID: <1.5.4.16.19970331221056.2f475b20@postoffice.ptd.net>

Does any one have a ut-51 tone encoder for the ICOM ic-24at HT? The HT I purchased recently doesn't have one. Thank you. Bill Boose, N3WST

From owner-qrp-l@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: ka7you@juno.com  
Subject: [16241] WTB: Used handbook  
Message-ID: <19970331.235358.10287.4.KA7YOU@juno.com>

I am looking for used reference books; especially a handbook-any year, any condition for a new ham. I only have two left, one 1981 and one 1994, and I can't part with them. This young (14 year old )ham KC7UID has to many questions for me to handle (I really don't mind), and he is a good reader. Maybe I can get him to "READ THE BOOK" first.

I've looked around the area here, at used book stores, but I haven't found many. He is presently borrowing an antenna book from the library, thank heaven for that, and I have loaned him references, but he need to get started on his own library.

Let me know what you might be willing to part with. A small library from an estate sale would be a great find. The Issaquah Amateur Radio club could find homes for many books with our crop of a half of a dozen new young hams-most of them are now Tech Plus or higher. Field Day '97 will be a lot of fun!

One of the young hams is putting together a CW transmitter "kit", that another member made by dis-assembling a working transmitter, and giving the builder all the parts, and the schematic, and just a few notes. He is doing Great!

We also have two 80M QRP transceivers being built based on the Pixie schematic.

7 3,

Rod Johnson KA7YOU CN97AK near Issaquah, Wa. 160M thru 1296 MHz  
NWQRP#120 ARCI#7251  
QRP-L#844

From owner-qrp-l@Lehigh.EDU Tue Apr 1 18:03:51 1997  
From: ed.welch@cheaha.com (ED WELCH)  
Subject: [16211] X Y Z's of Oscilloscopes  
Message-ID: <8D5046E.0004001D38.uuout@cheaha.com>

-> This format is on diskette. The booklet in the softbound format is  
-> out of print according to other sources.  
-> Each file is roughly 8000 to 10,000 bytes long and you can  
-> make your own booklet or leave it in the computer as 9 text files.  
-> The files are a good "starting point" or introduction to  
-> oscilloscopes and their use in electronic repairs.

Hmmm, if some of ya'll without web access wants me to I could put them online on my little bbs for download. The only problem I see with the files I saved from the website is that the "diagrams" didn't come with the files....I'm new at working the web so someone might have an answer on the "diagram" problem. Also, the text (Non-html) files when zipped together are about 33k, so a download shouldn't take to long with zmodem. I might oughta check with Tektronics to about distributing them this way. Just a thought....

72/73

Ed Welch KF4KRV

NorCal Member #???

1st Grand Poobah ScQRPion of Alabama

QRP-L #873 - FISTS #2964

Luverne, Alabama

Crenshaw County - Grid EM61

```
+-----+
-----+ Norcal 40a es Straight Key es Wire-wrapped Trees +-----
+-----+
```

> Isn't "time" a 4-letter word? <

From owner-qrp-l@Lehigh.EDU Tue Apr 1 18:03:51 1997

From: n4so@juno.com (CHARLES K BROWN)

Subject: [16244] X Y Z's of Oscilloscopes

Message-ID: <19970401.070719.7879.10.n4so@juno.com>

The zipped file is binary data and Juno can not send it.

Nor can Juno send large text files.

/Will experiment on sending the zipped file on my alternate  
internet provider...

The Tektronix address given in the text file:

Tektronix Test and Measurement Group

P. O. Box 1529

Pittsfield, MA 01202

1 800-246-2200

Suggest you call them for the diskette version. None of the info above  
has been verified, so check it out for yourself.

Ken Brown, N4SO

QTH near Mobile, AL

QRP-L #622

n4so@juno.com

From owner-qrp-l@Lehigh.EDU Tue Apr 1 18:03:51 1997

From: mdwatt@usit.net (Marty Watt)

Subject: [16269] Re: (fwd) UPDATE -- 38 Special Construction Manual

Message-ID: <334b3c46.54955918@smtp.usit.net>

On Tue, 1 Apr 1997 11:26:52 -0500, "Jeremy Cowgar"  
<jcowgar@villers.com> wrote:

>I think you have your Positive and Negative backwards. You indicate 3 is  
>positive and 4 is negative. What you specified is backwards... Hope no =  
one  
>made that mistake.

Uh Oh.

Jeremy is right ... 3 is negative, 4 is positive on the power leads  
to the board. I did it wrong first time myself. When I powered up,  
I wondered why I was getting nothing. Then I saw ... and panicked!  
Thankfully, I'd forgotten to turn the power supply on anyway, so no  
damage done.

The files included on the ZIP have been updated.

72 es 73 de=20  
Marty, KM7W

-----  
Jackson, Tennessee e-mail: mdwatt@usit.net  
http://www.public.usit.net/mdwatt  
"The Curmudgeon's Corner"  
NorCal #???? - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq  
~~~~~

From owner-qrp-l@Lehigh.EDU Tue Apr 1 18:03:51 1997
From: Brian K7ON Short <ke7gh@primenet.com>
Subject: [16256] Re: 38s TX Freq "Drift" Solved
Message-ID: <3.0.1.32.19970401152935.00724950@mailhost.primenet.com>

Yep, fixed *now*...made several contacts with the "drift"
and then fixed it just before going QRT. Listen for me
again, please.

Thanks for *ALL* of the signal reports!

73, Brian k7on@qsl.net NC38s

At 01:31 AM 4/1/97 EST, you wrote:
>> Other than low output, signal had been great, but I

>> now got a few complaints of "drift." I started listening
>
>Heard you on 30 m Monday night (USA time) about 7-8pm EST. Nice 38s sig but
>you were drifting. I called you many times, probably off frequency from the
>38s. You were easily 559 here in Ma.

From owner-qrp-l@Lehigh.EDU Tue Apr 1 18:03:51 1997
From: Brian K7ON Short <ke7gh@primenet.com>
Subject: [16262] Re: 38s TX Freq "Drift" Solved
Message-ID: <3.0.1.32.19970401161439.006ff67c@mailhost.primenet.com>

>I was listening on my Sierra and had to use the RIT to keep your signal at
>full strength. I didn't look at the digital display to see how far I had
>to retune, but it was not just a little bit. If I didn't retune, your
>strength got so low that you were difficult copy. Correctly tuned you
>were easy copy. The longer that you sent, the more the drift. All this
>happened between 0200 to 0245.

Yes, when I started listening to my signal on the FT-990DC, I realized.
My first "fix" was to ground the crystal "can" which had not been done
because of the earlier crystal oversight. In the process, one side of
the crystal shorted to ground giving fixed frequency operation :) It
was the "right side" and there was no "drift."

Anyway, I removed the crystal and remounted it carefully, but the "drift"
was back. At times it would "chirp" also. All this because of the one
HD74HC240P installed.

It took me some time to recognize the problem, but it really is better
now, but nearly all of my operation yesterday was before the "fix."
I only got on with the "fix" after the band had faded, later.

Listen for me today! I think you'll like what you hear...

73, Brian k7on@qsl.net NC38s

>The bottom line is that I wouldn't conclude that the drifting was
>satisfactory.

From owner-qrp-l@Lehigh.EDU Tue Apr 1 18:03:51 1997
From: "Vasili S. Maslyukov" <vasmas@ham.isu.runnet.ru>
Subject: [16246] RE: A trap dipole for 30 and 17m band.
Message-ID: <AAGaHGpmdA@ham.isu.runnet.ru>

There was the question about a trap dipole for 30 and 17 meter bands.
I think the following found in the TowerTalk can be of some use.

```
> Date: Mon, 31 Mar 1997 10:52:15 -0500 (EST)
> From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
> Subject: [TowerTalk] Modeling traps
>
> A small number of folks have either raised questions to me about modeling
> trap antennas or have expressed doubts that they could. Actually,
> modeling traps is a straightforward process, but with a pitfall or two, if
> one ignores situations that change with frequency. I have set up some
> notes on the process at my web site, with a couple of worked examples (a
> dipole and a test-model 2-element Yagi--sorry, no commercial antennas), to
> help folks with the process. It is too long for posting here. Hope it is
> useful.
>
> - -73-
>
> LB, W4RNL
>
>
> L. B. Cebik, W4RNL      /\  /\      *   /   /   /   (Off)(423) 974-7215
> 1434 High Mesa Drive   /  \/  \/ \   ----/\---- (Hm) (423) 938-6335
> Knoxville, Tennessee /\  \  \ \ \   /   /  || /   (FAX)(423) 974-3509
> 37938-4443    USA      /  \  \  \ \   ||                      cebik@utk.edu
>
>      URL:  http://funnelweb.utcc.utk.edu/~cebik/radio.html
```

72&73!UA0SN

Wasya

```
*-----*
* UA0SN          Tel +7(3952)31 9181  E-mail:vasmas@HAM.isu.runnet.ru *
* Vasili MASLYUKOV Irkutsk, P.O.Box 323, 664050, Russia *
* NorCal #750     QTH Locator: 0022di      IRK time = GMT+8 *

```

From owner-qrp-l@Lehigh.EDU Tue Apr 1 18:03:51 1997
From: Jeff Grudin <grudin@pacific.vdbs.com>
Subject: [16286] Re: aerobic cw paddle
Message-ID: <33418859.D0E@pacific.vdbs.com>

Tom,
I think I've heard of that too. 2 models the Nordic Click and the Nordic Click Gold. Only \$695 and \$895 each (plus 49.99 shipping and handling).

available, but it only comes once a year. With PED, every night is contest night. RUFZ has been mentioned on QRP-L as a well liked shareware program too.

These are what I'm trying. Your milage may vary.

Good luck and 73,
John Oppen, KJ6HZ

From owner-qrp-l@Lehigh.EDU Tue Apr 1 18:03:51 1997
From: Wa2eaw@aol.com
Subject: [16208] Re: coil dope
Message-ID: <970331195135_1219045220@emout06.mail.aol.com>

In a message dated 97-03-31 19:33:35 EST, blackwel@tlcnet.muohio.edu (Vic Blackwell) writes:

<< I have a coil in a qrp rig which I want to make sure will not move around on me. >>

Vic;

Give some nail polish a chance. Seriously, use a bright red so you can easily see where you have placed it. Its really only colored lacquer. I find many uses for the stuff, especially later when you may want to change your mind and have to remove it. Easier then glue.

ps. I have been using it for years in place of collodian to keep the slip covers in place on microscope slides.

72 de WA2EAW...Bob

From owner-qrp-l@Lehigh.EDU Tue Apr 1 18:03:51 1997
From: Leon Heller <leon@lfheller.demon.co.uk>
Subject: [16240] Re: coil dope
Message-ID: <f0ZDFDAjMLQzEwHS@lfheller.demon.co.uk>

In message <9704010030.AA03890@tlcnet.muohio.edu>, Vic Blackwell <blackwel@tlcnet.muohio.edu> writes

>Hi Gang,

>

>Has anyone heard of Q-MAX? It was a lacquer type of coating to
>put on coils wound on forms for protection etc. Does anyone have
>an idea of where I can find a small quantity of it or a decent
>substitute?

>

>I have a coil in a qrp rig which I want to make sure will not move
>around on me.

I think that something similar can be made by dissolving polystyrene in
a suitable solvent.

Leon

--

Leon Heller

Amateur radio callsign: G1HSM

Email: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>

Tel: +44 (0) 118 947 1424 (home) +44 (0) 1344 385556 (work)

From owner-qrp-l@Lehigh.EDU Tue Apr 1 18:03:51 1997

From: "Howard Z Weinstein" <Howard.Z.Weinstein@lmco.com>

Subject: [16268] Re: coil dope

Message-ID: <023BD334138F3900*/c=us/admd=telemail/prmd=mmc/o=den/ou=ccmail/
s=Weinstein/g=Howard/i=Z/@MHS>

Vic

I have a friend here in South Jersey who sells Q-Dope (a reasonable
substitute for Q-MAX) at local hamfests. I will contact him and see if
it can be made available. It is fairly inexpensive. He buys it in
gallons and re-bottles it. If you or anyone else is interested please
email me and I will see what I can procure!

Tnx es 72

Howard Weinstein K3HW

----- Reply Separator -----

Subject: coil dope

Author: blackwel@tlcnet.muohio.edu at MAILHUB-SMTP

From owner-qrp-l@Lehigh.EDU Tue Apr 1 18:03:51 1997

From: ericvia@why.net (Eric Via)

Subject: [16233] Re: DF BEARINGS, FLIGHT LINES, (BRAD)

Message-ID: <v01520d017151e44f204d@[207.211.121.29]>

Chief Brad says:

>You guys are all nuts. All of us Sailors (It is properly capitalized, you
>know.) know that shore line is the best stuff around! Refuses to corrode,
>stretch, or otherwise degrade when used in antennas. Radiation efficiency near
>133%.

What about that ol' GIG-Line Chief!? Don't forget that!! :-)

>Brad, WB0CGH (Retired Navy Chief)

Eric AD4SS Ex- CTR3 (1984-1990)

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997
From: w7rfm@juno.com (John E Hirsch)
Subject: [16239] Re: DF BEARINGS, FLIGHT LINES, (BRAD)
Message-ID: <19970331.211207.2670.35.w7rfm@juno.com>

Your all wrong.... Air Force Radar Paint is what you need. With out it there would not be any radiation off any antenna system..... and don't forget the angle marks.....

On Mon, 31 Mar 1997 22:59:28 -0500 ericvia@why.net (Eric Via) writes:

>Chief Brad says:

>

>>You guys are all nuts. All of us Sailors (It is properly
>capitalized, you
>>know.) know that shore line is the best stuff around! Refuses to
>corrode,
>>stretch, or otherwise degrade when used in antennas. Radiation
>efficiency near
>>133%.

>

> What about that ol' GIG-Line Chief!? Don't forget that!! :-)

>

>>Brad, WB0CGH (Retired Navy Chief)

>

>Eric AD4SS Ex- CTR3 (1984-1990)

>

>

>

>

>

>

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997
From: ac4gt@juno.com (Nathan C Tart)
Subject: [16235] Re: FCC Is On The Ball!!

Message-ID: <19970331.232926.4751.7.ac4gt@juno.com>

On Mon, 31 Mar 1997 23:19:27 -0500 ericvia@why.net (Eric Via) writes:

>I'm impressed!!

>

>I sent in my form with change of address last Thursday and

>got my new license in the mail today - MONDAY!!!

>

>Now THAT'S nice!! Could it be the little hand-written note

>I threw in the envelope with my form that read:

>

>=====

> "FCC Folks,

>

> Keep up the great job! You guys are great!!

>

> Eric

>=====

>

>

>Eric "A little flattery & brown-nosing will get you everywhere" Via,

>AD4SS

>Wylie, TX

>

>

>

>And you only came out a Third Class Petty Officer

>

>

>

>

>

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997

From: Don Faith <Faithd@worldnet.att.net>

Subject: [16223] Re: First QRP rig for Novice/Tech

Message-ID: <33406F60.4A0A@worldnet.att.net>

Tj Johnston, N4UYQ wrote:

>

> That 38 Special sure sounds good..... now what do you have for us

> Novice/Techs???

> The 40-9er is not available anymore.... any 80m,15m, or 10m QRP monobanders

> like the 38 Special available??? Mods for the 38 Special to Novice/Tech

> bands???

>
> 72/73,
> Tj Johnston, N4UYQ (Tech+) QRP-L member #1057
> formerly KA4GVW (Novice)
> Ashland, Virginia (Hanover County) FM17
> Richmond Amateur Telecommunications Society
> <http://www.rats.net>

Hi Tj:

An additional note regarding a novice band 48S: With the 21.47727 - 14.31818 = 7.159 crystal set, the 7.159 is a bit above the novice code band. However, if the behavior of the 21.477 VX0 is similar to that of the standard 38S (at 22.118), you should be able to get most all of the novice (CW) band by using a 5.6 or 6.8 uH molded inductor for L1. My experience was that I saw a 40 to 60 kHz range using the higher value inductors but the range shifted downward. Thus if the behavior is similar, it will cover most of the novice 40m CW band when using the larger inductance.

Get one of the kits to put together (if you haven't already gotten one): At \$28 (w/ shipping) you can't go wrong. There aren't many less expensive ways to get on HF (and learn a lot in the bargain).

Though I am licensed to operate at 7.040, I haven't used my code skills much since I upgraded in 93. Thus I plan to build up my code speed by starting off in the novice portion of 40m as well as by using NuMorse again (off of compuserve). This windows based program from an English gentleman is well worth the \$20 registration and has continued to be updated.

73 (es 72) de N9WR, Don C. Faith

From owner-qrp-l@Lehigh.EDU Tue Apr 1 18:03:51 1997
From: Lehigh University List Server <listproc@Lehigh.EDU>
Subject: HELP

ListProcessor(tm) 8.1

Copyright (c) 1993-97 by
the Corporation for Research and Educational Networking (CREN)

Here is a brief description of the set of requests recognized by ListProcessor(tm). Everything appearing in [] below is optional; everything appearing in <> is mandatory; all arguments are case insensitive, except mail addresses and passwords. The vertical bar ("|") is used as a logical OR

operator between the arguments. Requests may be abbreviated, but you must specify at least the first three characters.

Keep in mind that when referring to a <list>, that list may be of two kinds: local or remote, unless otherwise noted. When referring to a local list, your request will be immediately processed; when referring to a remote list (a list served by another ListProcessor(tm) which this system knows about), your request will be appropriately forwarded. Issue a 'lists global' request to get a listing of all local and known remote lists to this ListProcessor(tm).

Recognized requests are:

*** GENERAL ***

help [topic]

Without arguments, this file. Otherwise get specific information on the selected topic. Topics may also refer to requests. To learn more about this system issue a 'help listproc' request. To get a listing of all available topics, generate an error message by sending a bogus request like 'help me'.

lists [local|global [keywords]]

Get a list of all local mailing lists served by this server, or of all known local and remote lists. If keywords are specified, they are treated as a logically ANDed list of strings/regular expressions; keywords can be quoted. When keywords are specified, only those lists' descriptions that match the keywords are listed.

release

version

Get information about the current release of this ListProcessor(tm) system.

*** FOR LISTS ***

information [list]

This file if no list is specified, otherwise get information about the specified list.

purge <password>

Remove yourself from all mailing lists on this host.

recipients <list>

Get a list of the current subscribers.

review <list> [short|description|subscribers]

Review the list's settings, get the list's general information file and get a listing of the current subscribers for the specified list.

run <list> [<password> <cmd [args]>]

Run the specified command with the optional arguments and receive the output from stdout and/or stderr. To get a listing of all available commands to run, omit the arguments, i.e. issue a 'run <list>' request. You have to belong to the specified list, and must have obtained the password from the list's owner; the owner's address may be found in the Errors-To: header line of each delivered message.

set <list> [<option> [arg[s]]]

Without the optional arguments, get a list of all current settings for the specified list. Otherwise change the option to a new value for that list (or the list default if that value is missing).

Valid arguments are:

- mail [ACK|NOACK|POSTPONE|DIGEST]
- password <current-password> [new-password]
- address <current-password> <new-address>
- conceal [YES|NO]
- preference [preferences]

Issue a 'help set' request for more information.

query <list>

Same as 'set <list>' with no arguments.

statistics <list> {[subscriber email address(es)] | [-all]}

Get a listing of non-concealed subscribers along with the number of messages each one of them has sent to the specified list. If the optional email addresses are given, then statistics will be collected for these users only. For example:

stat foo user1@domain user2@domain

will generate statistics about these two subscribers. "-all" compiles statistics for all users that have posted on the list (whether currently subscribed or not).

subscribe <list> <your name>

join <list> <your name>

The only way to subscribe to a list.

unsubscribe <list>

signoff <list>

Remove yourself from the specified list.

which

Get a listing of local mailing lists to which you have subscribed.

which-owned

Get a listing of local mailing lists which you own.

*** FOR ARCHIVES ***

afd <action> {<archive> [/password] [files]} [{<archive> [/password] [files]}]...
fui <action> {<archive> [/password] [files]} [{<archive> [/password] [files]}]...

Automatic File Delivery (AFD) and File Update Information (FUI). Add/delete yourself to archives and/or files, and be notified when these archives or files are updated. "action" can be: add, delete or query. The site's manager may manipulate other addresses by listing them after the archive specification(s).

archive <archive name> <password> <action> [args]

Manipulate archives; the manager may create new archives, remove existing ones, or reconfigure existing ones. Both the manager and the archive's owners may add, delete or update existing files.

fax <fax-number> <archive | path-to-archive> <file> [/password] [parts]

Same as 'get', but it faxes you the files instead to the specified number.

get <archive | path-to-archive> <file> [/password] [parts]

Get the requested file from the specified archive. Files are usually split in parts locally, and in such a case you will receive the file in multiple email messages -- an 'index' request tells you how many parts the file has been split into, and their sizes; if you need to obtain certain parts, specify them as optional arguments. If an archive is private, you have to provide its password as well.

index [archive | path-to-archive] [/password] [-all]

Get a list of files in the selected archive, or the master archive if no archive was specified. If an archive is private, you have to provide its password as well.

search <archive | path-to-archive>] [/password] [-all] <pattern>

Search all files of the specified archive (and all of its subarchives if -all is specified) for lines that match the pattern. The pattern can be an egrep(1)-style regular expression with support for the following additional operators: '~' (negation), '|' and '&' (logical OR and AND), '<' '>' (group regular expressions). The pattern may be enclosed in single or double quotes. Note: . matches any character including new line.

view <archive | path-to-archive>] [/password] [parts]

Same as 'get' but in interactive mode just catenates the file on the screen.

*** FOR LIST MANAGEMENT ***

Below, <password> refers to the list's password:

[quiet] add <list> <password> <address> <name>
[quiet] add <list> <password> {<address> <name>} {<address> <name>} ...

Add the specified user(s) to the list. If more than one user is added you need to enclose each one in {}. If quiet, the user(s) will not be notified.

approve <list> <password> <tag> [tag] ...

Approve the message(s) identified by the tag number(s) for posting to the specified moderated list -- applies to moderated-no-edit lists only.

configuration <list> <password> [<option> [args] [, <option> [args] ...]]
global configuration <password> [<option> [args] [, <option> [args] ...]]

Get or set a list's or all lists configuration options; only the manager can globally change parameters; without any of the options below, get the current settings. Options are a comma-separated list of one or more of the following keywords (options marked with * can be issued by the manager only; options marked with + are relative):

- * ARCHIVE [dir] [filespec] [arch-name] [password] [messages|digests]
ARCHIVE [password] [messages|digests]
NO-ARCHIVE
- * COMPRESSED-ARCHIVES
- * UNCOMPRESSED-ARCHIVES

```

ARCHIVES-TO-ALL
ARCHIVES-TO-OWNERS
ARCHIVES-TO-SUBSCRIBERS
AUTO-DELETE-SUBSCRIBERS
NO-AUTO-DELETE-SUBSCRIBERS
CLOSED-SUBSCRIPTIONS
OPEN-SUBSCRIPTIONS
OWNER-SUBSCRIPTIONS
WIDE-OPEN-LIST
COMMENT <string>
NO-COMMENT
DEFAULT <mailmode> <value> [<mailmode> <value>] ...
    address variable|fixed
    mail ack|noack|postpone|digest
    password <string>
    conceal yes|no
+    preference COption
+ DELIVERY-ERRORS-TO <address> [address] ...
+ REMOVE-ERRORS-TO <address> [address] ...
DIGEST <frequency> [when] [lines bytes]
    daily hh:mm
    weekly Sunday|Monday|Tuesday|Wednesday|Thursday|Friday|Saturday
    monthly
NO-DIGESTS
+ DISABLE <request> [request] ...
+ ENABLE <request> [request] ...
+ SET-DISABLE <mode> [value] [<mode> [value]] ...
    mail ack|noack|postpone|digest
    conceal yes|no
    password
+ SET-ENABLE <mode> [value] [<mode> [value]] ...
    mail ack|noack|postpone|digest
    conceal yes|no
    password
FORWARD-REJECTS
DONT-FORWARD-REJECTS
KEEP-RESENT-LINES
DONT-KEEP-RESENT-LINES
REFLECTOR
NO-REFLECTOR
HIDDEN-LIST
VISIBLE-LIST
PUBLISHED-LIST
UNPUBLISHED-LIST
* MANAGER-CONTROLLED
* OWNER-CONTROLLED
MAX-MESSAGES-PER-DAY <number>
MESSAGE-LIMIT <number>

```

NO-MESSAGE-LIMIT
+ MODERATED-EDIT [address] ...
+ MODERATED-NO-EDIT [address] ...
UNMODERATED
+ REMOVE-MODERATORS <address> [address]
+ OWNERS <address> [address] ...
+ REMOVE-OWNERS <address> [address] ...
PASSWORD <string>
* THREADS <number>
* MTA-HOST <host> [port]
+ SUBSCRIPTION-MANAGERS <address> [address] ...
+ REMOVE-SUBSCRIPTION-MANAGERS <address> [address] ...
REMOVE-ALL-SUBSCRIPTION-MANAGERS
REPLY-TO-LIST
REPLY-TO-LIST-ALWAYS
REPLY-TO-SENDER
REPLY-TO-SENDER-ALWAYS
REPLY-TO-OMITTED
REVIEW-TO-ALL
REVIEW-BY-ALL
REVIEW-TO-OWNERS
REVIEW-BY-OWNERS
REVIEW-TO-SUBSCRIBERS
REVIEW-BY-SUBSCRIBERS
REVIEW-TO-SUBSCRIBERS-SHORT
REVIEW-BY-SUBSCRIBERS-SHORT
STATISTICS-TO-ALL
STATISTICS-BY-ALL
STATS-TO-ALL
STATS-BY-ALL
STATISTICS-TO-OWNERS
STATISTICS-BY-OWNERS
STATS-TO-OWNERS
STATS-BY-OWNERS
STATISTICS-TO-SUBSCRIBERS
STATISTICS-BY-SUBSCRIBERS
STATS-TO-SUBSCRIBERS
STATS-BY-SUBSCRIBERS
SEND-BY-ALL
SEND-BY-OWNERS
SEND-BY-OWNERS-CONFIRM
SEND-BY-SUBSCRIBERS
SEND-BY-SUBSCRIBERS-CONFIRM
CONFIRM-ALL-SUBSCRIPTIONS
DONT-CONFIRM-ALL-SUBSCRIPTIONS
CONFIRM-ALL-UNSUBSCRIPTIONS
DONT-CONFIRM-ALL-UNSUBSCRIPTIONS
ALLOW-EMPTY-SUBSCRIBER-NAMES

DONT-ALLOW-EMPTY-SUBSCRIBER-NAMES
ALLOW-ALTERNATE-ADDRESS-COMMANDS
DONT-ALLOW-ALTERNATE-ADDRESS-COMMANDS

[quiet] delete <list> <password> <address> [address] ...

Delete the specified address(es)/users from the list. If quiet, the user(s) will not be notified.

discard <list> <password> <tag> [tag] ...

Discard the message(s) identified by the tag number(s) sent to the specified moderated list -- applies to moderated-no-edit lists only.

edit <list> <password> <file> [-nolock]

Obtain the specified file for editing; file can be one of:
 subscribers, aliases, news, peers, ignored, info, welcome
Without -nolock, the file will be automatically locked.

free <list> <password>

Resume delivery of a held list, or reset the daily message count to zero. If the manager held the list, only he can free it.

hold <list> <password>

Suspend distribution of messages.

initialize <manager password> [<list alias> <list address> <configuration options>]
new-list <manager password> <list alias> <list address> <configuration options>

Initialize a new list, or tell the server to reread the master config file.
Can be issued by the manager only.

lock <list> <password>

Suspend execution of list-specific requests and queue them up for later processing. Owners may still issue such requests, unless the list is locked by the manager.

purge <password> <address> [address] ...

Remove the specified address(es) from all mailing lists on the local host.
Can be issued by the manager only. All users are removed quietly.

put <list> <password> <keyword> [args]

Manipulate addresses and change system files. Keywords and args can be:

keyword: alias|ignore|subscribers|aliases|news|peers|ignored|info|welcome

args: email address for alias|ignore

When putting a file, its contents start immediately after the request and span the entire message.

reports <list> <password>

Obtain all reports about the specified local list.

[quiet] set <list> [<option> [arg[s]]] for <address> [address] ...

Same as 'set' above but applies changes to specified address(es). If quiet, the user(s) will not be notified.

system <list> <password> <user-address> #user-request

Issue any request on another user's behalf.

unlock <list> <password>

Resume execution of list-specific requests, including those queued up while the list was locked. All owners may unlock a list, unless it's locked by the manager.

*** OTHER ***

Help is also available on the following topics:

listproc

Learn more about this system and list management software in general.

live

Learn how to connect to this ListProcessor(tm) over the Internet for live processing of your requests.

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997

From: Bill Todd <bill@techline.com>

Subject: [16255] Re: Making My Wife Mad

Message-ID: <1.5.4.32.19970401153126.0069d6f0@mail.techline.com>

> The trouble started when this car in front of me moved into the right
> lane to turn, and I felt it was my DUTY as a fellow Ham to begin calling
> CQ on my car horn to him.
>
> My wife had a COW!!

Eric - Just think...you could dump this Amateur Radio stuff and be very
"normal" by taking up bird watching. All would be cool with the wife until
the next dinner party when you say;

"I just spotted a pair of black crested wiffelsnackers mating on our porch!"

CUL, Bill-N7MFB

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997
From: "JOEL DENISON" <jdenison@morelr.com>
Subject: [16278] RE: making my wife mad
Message-ID: <19970401131943.145503aa.in@master>

Be Happy: She is still there!

I once asked my wife what would make her happy. She replied that if I left
she would be very happy!!!

It made me sad to make her so happy!!!

Aren't wives unpredictable... :-) 72 Joel

God Bless
Joel

WA5CVM

Joel Denison

start)

81 High street

Farmington, Maine 04938

jdenison@morelr.com

Gentle Lady (RC Sail Plane)(049 engine - high

40 mtr dipole up 40ft

QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765

AK/QRP 109

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997
From: mdwatt@usit.net (Marty Watt)

Subject: [16238] Re: NC 38S Tuning range Xtal's
Message-ID: <33409889.13032803@smtp.usit.net>

On Mon, 31 Mar 1997 20:52:20 -0600, Don Faith
<Faithd@worldnet.att.net> wrote:

>I ordered the 11.98135 xtals today from Mouser. The decision I will=20
>have will be whether to try it with one of my unbuilt kits or to tear=20
>into the one I have working now (using the 4.7 uH L1 inductor w/ a range=
=20
>of 10.100 -10.198). =20

My stars! How'd you get a VX0 to bend 98kHz! I'd *seriously* like
to see this one -- or should that be 10.128?

If this isn't a typo, please let me know how you did it, and if the
rig seems "quality" (i.e., not operating on the edge). You've got
the whole 30meter band plus a bit there ...

72 es 73 de=20
Marty, KM7W

Jackson, Tennessee e-mail: mdwatt@usit.net
http://www.public.usit.net/mdwatt
"The Curmudgeon's Corner"
NorCal #???? - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq

From owner-qrp-l@Lehigh.EDU Tue Apr 1 18:03:51 1997
From: ka7you@juno.com
Subject: [16242] Re: Old 14.4 Modems and Bulletin Boards
Message-ID: <19970401.003521.10287.6.KA7YOU@juno.com>

Dan, and the Group

I just received a flyer from Egghead Computer. They are listing a
BOCA 33.6 Internal Data/Fax Modem for ~\$40 after the usual mail-n
rebates etc. This looks very good after having just spent around \$100
for my current 28.8 bps unit.

I'm not associated with them, but I just thought you might want to be
aware of what is happening out there.

7 3,

Rod Johnson KA7YOU CN97AK near Issaquah, Wa. 160M thru 1296 MHz
NWQRP#120 ARCI#7251
QRP-L#844

On Mon, 31 Mar 1997 15:21:00 -0600 Dan Tayloe-P26412

<Dan_Tayloe-P26412@email.mot.com> writes:

> Seeing how this is an email served forum, this may be old
>interest to
> those who (like me) have older 14.4 modems.
>
> For the last week and a half, I have been having terrible
>problems
> connecting to my email provider, Juno. I have received many
>"carrier
> not detected" problems.
>
> A friend of mine told me today that there has been much talk
>lately in
> the modem conferences about the upgrades to the new 2x modem
>code.
> This upgrade brings many of the older US Robotics modems up to
>56K
> capability.
>
> It turns out that when this new upgrade is placed into bulletin
>board
> type service, connections to customer with older v.32 14.4 modems
>are
> much harder to successfully negotiate. The new modems have to
>check
> out so many different incoming speeds, that V.32, (14.4K) has
>been
> de-emphasized in the check, and now works poorly.
>
> I guess the idea was that nobody uses 14.4 now days anyway....
>
> Therefore, it is likely that the problem I am seeing is *not* a
>Juno
> problem, but rather that they have upgraded their modems, and the
>new
> modems do not work well with older V.32 14.4 modems.
>
> Oh well..... Time for a new modem.
>
> - Dan Tayloe, N7VE, Phoenix, Az, QRPL # 696, Az ScQRPions
>
>

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997

From: Kd0su@kktv.com
Subject: [16226] Re: QRP Awards?
Message-ID: <199704010300.WAA24864@nss2.CC.Lehigh.EDU>

Brian,

The ARRL does not give a single band award for 30 meter WAS. Not sure why, but it is not on the application. It has something to do with 30 not being available to all hams. Maybe it is time to press the ARRL about this. They do have a separate award for QRP WAS, although it is not band specific. They do require QSLs, but they don't have to indicate you were operating QRP! Your signature on the application is indication you followed the rules.

I am an HF Awards Manager for the ARRL, and can verify cards rather than you sending them all the way to CT. You might check and see if there is someone in your location who can do that. They would probably be part of an ARRL Special Service Club.

Maybe we could get one of the QRP clubs like NORCAL or CQC to give out a 30 meter WAS Award?

Good luck on your hunt.

73, Rick
KD0SU
Colorado Springs, CO
CQC #100 - MI QRP # 1284 - NORCAL #??
ARRL - AMSAT - SMIRK - 10-10

From owner-qrp-l@Lehigh.EDU Tue Apr 1 18:03:51 1997
From: Chris Cartwright <ccart@dns.vidtel.com>
Subject: [16249] Re: QRP Hide Outs/GPS/Web Maps
Message-ID: <Pine.LNX.3.93.970401093106.509B-1000000@dns.vidtel.com>

On Fri, 28 Mar 1997, Jay D Miller wrote:

> Can anyone tell me what is at the following Lat./Long.; ?? A very
> famous landmark.
>
> 35 degrees 02 minutes 00.0 seconds N
> 111 degrees 01 minutes 00.0 seconds W

Just a guess (aided by census map, atlas, and various web pages) but could it be "Rainbow Bridge" national monument in Utah? Think we could get the

guys from NJ to stand around it for a picture of the monument to their kit :) If nothing else maybe someone "out there" could get a pic of a Rainbow Bridge sitting on the Rainbow Bridge Monument. So who's operating from there for QTTF?

72

```
-- Christopher Cartwright, Tech. Engineer | ...our chief weapons are fear,  
-- Voice 301.990.0735 N3XRV QRP-L #655 | fear and surprise, and nice  
-- Mail ccart@vidtel.com | red uniforms, oh damn!!  
-- ccart@erols.com | -- Monty Python
```

From owner-qrp-l@Lehigh.EDU Tue Apr 1 18:03:51 1997
From: Al Moyle <moyle@essc.psu.edu>
Subject: [16257] Re: QRP Hide Outs/GPS/Web Maps
Message-ID: <3.0.32.19970401105357.005bf050@pop3server.essc.psu.edu>

Here's another guess...

How about Devil's Tower?

72,
Al N3KFL

At 09:38 AM 4/1/97 -0500, you wrote:

>On Fri, 28 Mar 1997, Jay D Miller wrote:

>

>> Can anyone tell me what is at the following Lat./Long.; ?? A very
>> famous landmark.

>>

>> 35 degrees 02 minutes 00.0 seconds N

>> 111 degrees 01 minutes 00.0 seconds W

>

>Just a guess (aided by census map, atlas, and various web pages) but could
>it be "Rainbow Bridge" national monument in Utah? Think we could get the
>guys from NJ to stand around it for a picture of the monument to their
>kit :) If nothing else maybe someone "out there" could get a pic of a
>Rainbow Bridge sitting on the Rainbow Bridge Monument. So who's operating
>from there for QTTF?

>

>72

>

```
>-- Christopher Cartwright, Tech. Engineer | ...our chief weapons are fear,  
>-- Voice 301.990.0735 N3XRV QRP-L #655 | fear and surprise, and nice
```

```
>-- Mail    ccart@vidtel.com          | red uniforms, oh damn!!
>--         ccart@erols.com           |      -- Monty Python
>
>
>
>
>
```

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997
From: Al Moyle <moyle@essc.psu.edu>
Subject: [16259] Re: QRP Hide Outs/GPS/Web Maps
Message-ID: <3.0.32.19970401110509.005c6070@pop3server.essc.psu.edu>

How about a better (educated ... should have looked at a map to begin with)
guess ...

Meteor Crater, AZ

72,
Al N3KFL

>Here's another guess...

>

>How about Devil's Tower?

>

>72,

>Al N3KFL

>

>At 09:38 AM 4/1/97 -0500, you wrote:

>>On Fri, 28 Mar 1997, Jay D Miller wrote:

>>

>>> Can anyone tell me what is at the following Lat./Long.; ?? A very
>>> famous landmark.

>>>

>>> 35 degrees 02 minutes 00.0 seconds N

>>> 111 degrees 01 minutes 00.0 seconds W

>>

>>Just a guess (aided by census map, atlas, and various web pages) but could
>>it be "Rainbow Bridge" national monument in Utah? Think we could get the
>>guys from NJ to stand around it for a picture of the monument to their
>>kit :) If nothing else maybe someone "out there" could get a pic of a
>>Rainbow Bridge sitting on the Rainbow Bridge Monument. So who's operating
>>from there for QTTF?

>>

>>72

>>

```

>>-- Christopher Cartwright, Tech. Engineer | ...our chief weapons are fear,
>>-- Voice 301.990.0735 N3XRV QRP-L #655 | fear and surprise, and nice
>>-- Mail ccart@vidtel.com | red uniforms, oh damn!!
>>-- ccart@erols.com | -- Monty Python
>>
>>
>>
>>
>
>
>

```

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997
 From: v31ry@ix.netcom.com
 Subject: [16261] Re: QRP Hide Outs/GPS/Web Maps
 Message-ID: <1997419102341@ix.netcom.com>

```

>On Fri, 28 Mar 1997, Jay D Miller wrote:
>
>> Can anyone tell me what is at the following Lat./Long.; ?? A very
>> famous landmark.
>>
>> 35 degrees 02 minutes 00.0 seconds N
>> 111 degrees 01 minutes 00.0 seconds W
>

```

Using my 10 yr old Rand McNally Road Atlas, which I've planned many motorcycle trips with, I see the big Meteor Crater in Arizona at those coordinates. East of Flagstaff, south of I-40.

PBS has been airing a nice TV special on the scientist that has been studying it for a couple of decades. Cool stuff!

Glenn

"Remember, any tool can be the right tool!" Red Green

AE0Q / V31RY ex: GM5BKC, ZB2WZ, SV0WY, WA0VPK
 v31ry@ix.netcom.com --SOWP 5558M, QCWA LM, ARRL LM, NCVA--

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997
 From: Chris Cartwright <ccart@dns.vidtel.com>

Subject: [16287] RE: QRP maillist

Message-ID: <Pine.LNX.3.93.970401165353.516B-1000000@dns.vidtel.com>

You wrote:

>Hi everyone:

>I've heard about a QRP mailing list.

>Can anybody help me get its adress or URL?

I hope the info below helps. I think you are looking for the QRP-L list.
The address is qrp-l@lehigh.edu and you need to subscribe to post to
the reflector.

73

-- Christopher Cartwright, Tech. Engineer		...our chief weapons are fear,
-- Voice 301.990.0735 N3XRV QRP-L #655		fear and surprise, and nice
-- Mail ccart@vidtel.com		red uniforms, oh damn!!
-- ccart@erols.com		-- Monty Python

----- Forwarded message -----

From owner-qrp-l@Lehigh.EDU Tue Apr 1 18:03:51 1997

From: Chris Cartwright <ccart@dns.vidtel.com>

Subject: [16288] RE: QRP maillist

Message-ID: <Pine.LNX.3.93.970401172438.516C-1000000@dns.vidtel.com>

Ooops! is my face red. Was sending this to a QRPer in Brazil and forgot
to edit the header. Guess I'm over my post limit for the month now :(

Apologies all around.

-- Christopher Cartwright, Tech. Engineer		ccart@vidtel.com
-- Phone 301.990.0735 N3XRV QRP-L #655		ccart@erols.com
-- QRP WAS 11/3 (w/c) QRP-ARCI #9271		http://dns.vidtel.com/~ccart

From owner-qrp-l@Lehigh.EDU Tue Apr 1 18:03:51 1997

From: "Claton Cadmus" <aplitech@Spacestar.Net>

Subject: [16272] Re: The X Y Z's of Oscilloscopes

Message-ID: <199704011756.LAA02598@Spacestar.Net>

Has a copy been placed on the QRP-L ftp site?

: From: CHARLES K BROWN <n4so@juno.com>
: To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
: Subject: The X Y Z's of Oscilloscopes
: Date: Tuesday, April 01, 1997 8:28 AM
:
: The zipped file was sent to two on the list who received the attachment
: and were able to unzip it with PKunzip.
: The file name for the booklet is TSCOPE.ZIP.
: If you receive attachments and know how to handle the attach file I can
: try sending it. You will need PKunzip to unzip the file. The X Y Z's of
: Oscilloscopes is a basic study
: guide for learning about oscilloscopes.
:
: Ken Brown, N4SO
: QTH near Mobile, AL
: QRP-L #622
: n4so@juno.com

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997
From: wb2vuo@juno.com (William K Hibbert)
Subject: [16254] RE: Trap Dipole for 30 & 17
Message-ID: <19970401.102450.4615.2.wb2vuo@juno.com>

Too quick on the <delete>, and I don't have the call/name/Email address
for the requestee...

Low-power traps can be made with toroids and silver mica caps, and will
handle well over the QRP Kilowatt. From "W1FB's Antenna Notebook", page
28, "A suitable rule of thumb calls for a reactance of approximately 400
for the L and C components...", and he goes on to calculate traps for 40
Meters at 7.1 MHz.

Traps for 17 meters (18.1 MHz) would be proportional, so from Doug's
calculations,
the required L and C are as follows:
 $L = 8.97 \text{ uH} * (7.1/18.1) = 3.52 \text{ uH}$
 $C = 56 \text{ pF} * (7.1/18.1) = 22 \text{ pF}$

Using a T68-6 toroid, the number of turns would be 27 turns, and # 24
wire would fit on the core. You can also use a length of air-wound coil
stock, or even wind a coil on a piece of plastic rod. Most of the
current antenna analyzers will measure L directly, making the job of
pruning the coil easy.

The inner section of the trap dipole would be cut to resonate on 17 M, so
it would be 12 ft 11 inches on each side, then the trap and to outer

section (resonating on 30 M) would make up the rest of the antenna dimensions. The inductance of the trap would shorten the overall length, and it will be necessary to cut the ends accordingly. Cut the wire to the non-trap dimension, 23 ft 2 inches, and trim from there.

You could make the dipole a 12/17/30 M antenna by making two more traps, cut for 24.9 MHz. Scale the traps as above, but divide 7.1 by 24.9 for the adjustments. This would give you an L of 2.56 uH and a C of 16 pF. The cutting would be more complicated, but the innermost section would be 113 inches. Don't try this one without an analyzer!

Given the choice, I would go with a multiband fan dipole instead of the traps, but that's another subject...

72/73, Keith, WB2VUO, QRP-L #582, scQRP 40, 100% QRP
Tech Specialist (ARRL/WNY), ARRL Life Member,
Trustee, KB2YTW/B 10 Mtr QRPp Beacon (250 mW @ 28.2870 MHz)
"In the Depths of the Great Bergen (NY) Swamp...FN13ac"
Packet - wb2vuo@w2im.#wny.ny.usa.noam
Email - wb2vuo@juno.com
WIMPS: Q's=002 30m=2 17m=0 12m=0 States=02/00 DX= 00/00

From owner-qrp-l@Lehigh.EDU Tue Apr 1 18:03:51 1997
From: Bill Howell <bhowell@mail.utexas.edu>
Subject: [16205] RE: Value of Dentron Super Tuner
Message-ID: <199704010003.SAA10388@mail.utexas.edu>

I think I paid \$65 for mine, used. I have the "instructions" (one page) and the schematic if you need it.
I'll be glad to fax you the pages.

YOU WROTE:

"Does anyone know the value of a "Dentron SuperTuner"? I have a chance to get one, though regretfully it has no manual or spec sheets. Any help will be appreciated.

P.S. Happy Easter, everyone.

72/73,
--Doc/K0EVZ qrp-l 861 mn-qrp 19 nj-qrp 69 ak/qrp 139 cqz norcal arrl"

Bill Howell
University of Texas at Austin

Performing Arts Center
Electronic Maintenance
voice 512.471.1388
bhowell@mail.utexas.edu
N5ALO QRP-L #415

everything is sacred
nothing is serious

From owner-qrp-l@Lehigh.EDU Tue Apr 1 18:03:51 1997
From: Bill Meahan <www@wa8tzg.mi.org>
Subject: [16220] Re: Venting frustrations
Message-ID: <334070b2.wa8tzg@wa8tzg.mi.org>

On 30 Mar 97 at 12:57, Ken Lopez wrote:

[snip]

> Up
> to the point that I mentioned my power level, I was S8, and "great
> copy". So much of this is just mental...Go figure...
>

Back when I was in college (nearly 30 years ago), I was in an SSB QSO on 20 from the college club station in Detroit with a W4. We were in the process of building a KW but had only gotten a switch on the front panel of the 3-bay 6-foot rack and had mounted a Size 1 contactor on a rear panel for switching both sides of the line at the input of the power supply.

We were running a Swan 350 (400 watts input to a pair of sweep tubes) and had our antenna at about 95 feet above street level. Nevertheless, the W4 (who was running a full gallon into a 4-el monoband beam pointed at us) complained about how hard it was to hear me. "Just a second, OM" I replied, "I'll switch on the linear." and threw the power switch while keeping the mike button energized.

Now a Size 1 contactor makes a rather healthy "thunk" when it kicks in, and the nearly-empty rack formed a nice echo chamber so the net result was a **really** impressive "THUNK" as the contactor closed. And, of course, since the mike was still keyed, that "THUNK" carried across the ether from Detroit to Florida. But since the contactor wasn't connected to anything (the RF deck hadn't even been laid out yet), the **only** thing that happened was the "THUNK".

"Armchair copy, now, OM" the W4 replied and carried on and on throughout the rest of the QSO about how much better I sounded with, "the linear on."

It **IS** all mental.

--

Bill Meahan WA8TZG wmeahan@wa8tztg.mi.org
ARRL, IMRA, QRP-L(#117), NorCal QRP (#407), G-QRP (#8468), MI-QRP (#M1458)
All statements herein are worth exactly what you paid for them
cat: a purr bearing mammal

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997
From: hal <hcking@acssun.pstcc.cc.tn.us>
Subject: [16248] Re: X Y Z's of Oscilloscopes
Message-ID: <Pine.GSO.3.95.970401093004.23699A-100000@acssun>

Was a web site mentioned? I must have missed it. Would somebody please repost for me.

thanks

hal

+++++++ The Tech formally known as "Nothing up my sleeve..." +++++++
hcking@acssun.pstcc.cc.tn.us

From owner-qrp-1@Lehigh.EDU Tue Apr 1 18:03:51 1997
From: Bill Todd <bill@techline.com>
Subject: [16253] Re: X Y Z's of Oscilloscopes
Message-ID: <1.5.4.32.19970401151812.0069b4cc@mail.techline.com>

I got the ZIPped file from Ed, and it unzipped just fine.

Thanks Ed!! Maybe I'll learn how to use my Techtronix 551 after all.

CUL, Bill-N7MFB